Communication that fits perfectly to your Small and Medium-sized business (SMB)

Introducing HP-150 Communication System

The all new HP-150 Communication System leads the way in combining today's most wanted features with the ultimate ease of operation. The result is a stylish, multi-functional, communications system that will give your business a decisive competitive advantage.

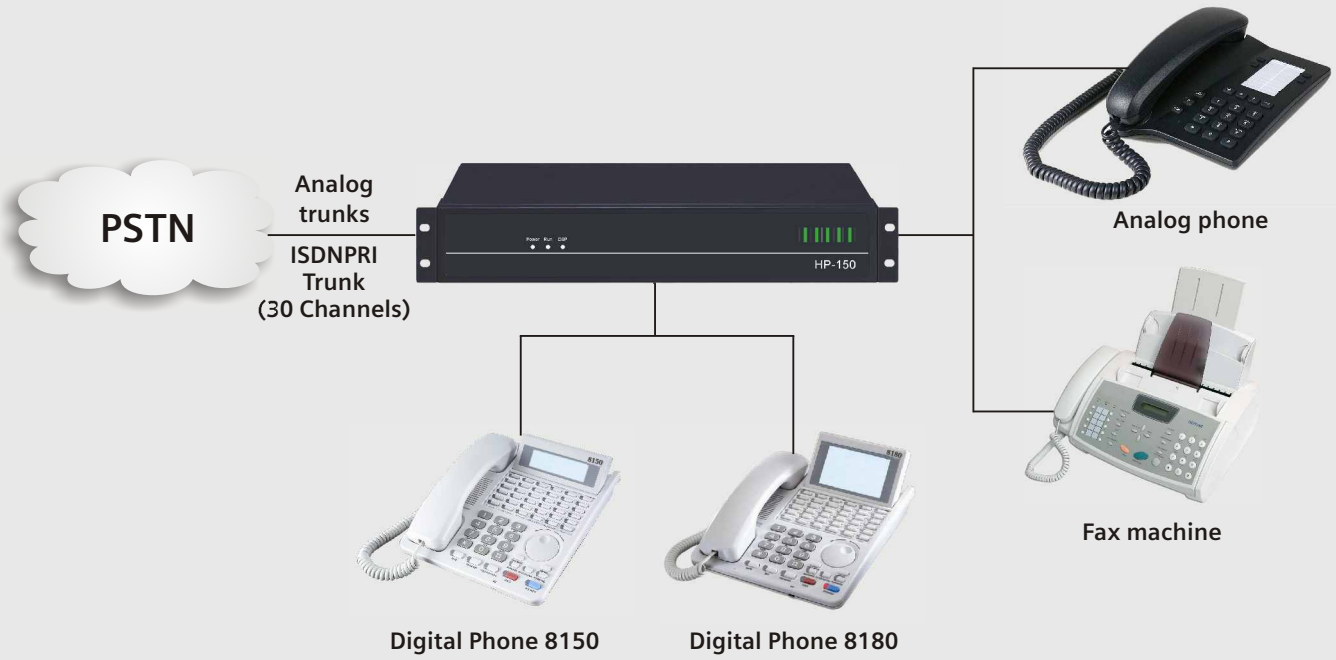
TEJAS TELECOMMUNICATION
CONTA 9619133304

HP-150 Communication System
Big performance for Small & Medium Businesses (SMB)

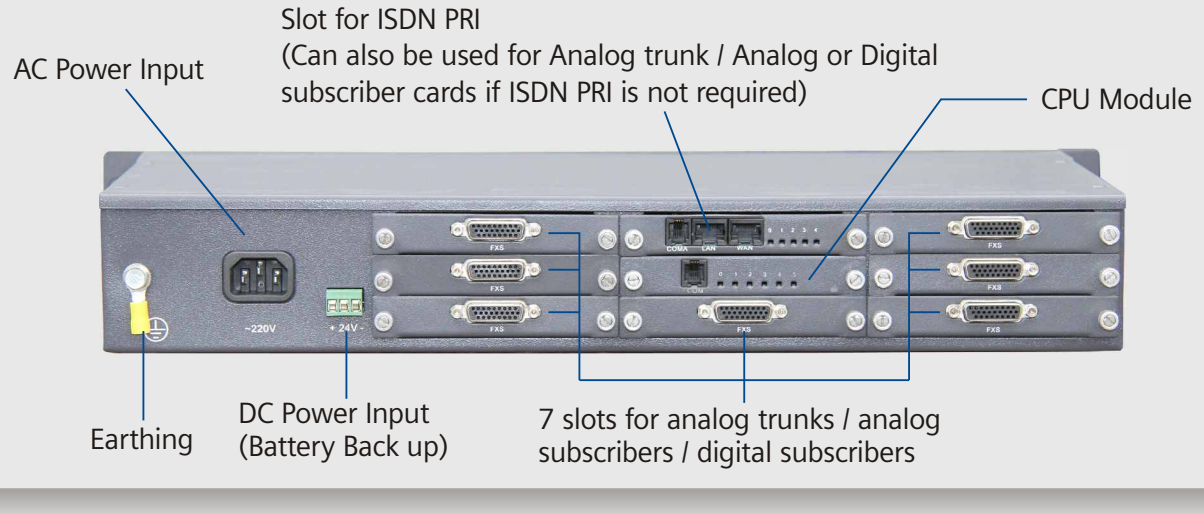
Reliable voice communication using high-quality devices those are extremely simple to operate - that's what **HP-150** is all about. Specially designed for companies with up to 50 employees, this communication system is built on tried and tested analog and ISDN technology, even allowing mixed mode operation. With a wide range of integrated solutions it is capable of fulfilling the most sophisticated of requirements.

This system provides professional support for small business operations, hotels, lawyer's offices, doctor's surgeries and any other work situations where employees rely heavily on communications to carry out their day-to-day activities. It offers features normally found only in much larger systems.

Schematic of HP-150 system



HP-150 Communication System uses high speed CPU to handle high traffic loads. The system is flexible enough so that you can build the possible combination of trunks, analog phones and digital phones to suite your organizational requirement. The HP-150 system also support ISDN PRI (30 Ch.) interface which is a standard connectivity offered by telecom service providers for SMB customers.


AC Power Input
Slot for ISDN PRI
(Can also be used for Analog trunk / Analog or Digital subscriber cards if ISDN PRI is not required)
CPU Module
Earthing
DC Power Input
(Battery Back up)
7 slots for analog trunks / analog subscribers / digital subscribers

Features supported by HP-150 Key Telephone System:

Flexibility of handling Incoming Calls -

System supports 3 type answer mode when calls from PSTN trunk lines.

- **Dialing desired extension directly (Voice guided DID)** The caller from CO-line will hear guiding voice when he calls the system, then he dials extension number directly as desired after hearing mentioned voice.
- **Operator assisted call transfer** -
  Call will land by default on the Operator Console device like Digital Phone 8150 / 8180. Then the operator can transfer the call to the desired extension.
- **Group ringing** -
  System supports max. 5 extensions in a group simultaneously when there is incoming call from CO-line. Any one of the extension out of group can answer the call. Other extensions will stop ringing once the call is answered.

Forwarding of incoming calls -

- Forwarding to another extension / external landline number (like your home phone) / Forwarding to your Mobile phone so you never miss a call.
- Forwarding Immediately
- Forwarding When Busy
- Forwarding When No Answer

Conference calls -

HP-150 system supports 8 party conference features. Operator can set the conference call and needs to be part of conference during the call. Conference call is automatically closed when all the participants exit the call.

- **Private CO-line** - HP-150 system supports private CO-line for important user (top boss or owner of company), other extensions cannot share this CO-line.
- **Built-in Music on hold** - HP-150 system has in built melodies of harmony music; you can select it as per your choice. The caller will hear background music when the call is on hold.
- **Caller Line Identification** - HP-150 system supports internal as well as external line caller ID on Digital Phone 8150 / 8180 as well as analog CLI phones with DTMF / FSK formats.
- **Direct outward dialing (DoD)** - A user can dial out to an external number without operator assistance just by dialing outgoing code like "0" or "9". Besides this system also supports redial function for external numbers.
- **Calling time restricted** - System can restrict extension has a long time calls with inner or exterior lines.
- **Intelligent trunk route for outgoing calls** - System can select appointed trunk line for outgoing calls for saving calls charge.
- **Hot-line** - System supports extension has hot-line function to internal extension or an external number when operator picks up and no digit is dialed.
- **Incoming only trunk** - Operator can make trunk with incoming function but restrict it with outgoing function.
- **Flexible numbering** - HP-150 system supports flexible numbering scheme up to 8 digits. You decide the numbering plan that suits your organization.
- **CO & Extension grouping** - System supports CO line and extension grouping. This will make some important extension with enough CO to incoming or outgoing.
- **Protection** - Over voltage / over current protection, lightening protection for trunk as well as subscriber ports.
- **Different ring tones** - Internal & external incoming calls can be differentiated with different ring tone.
- **Alarm clock service** - User can set the time reminder service for alarms.
- **Do not disturb (DND)** - Someone maybe not like be disturbed by others, so he can set DND function.
- **Night & day service** - Service method has automatic switch and manpower switch.
- **Phone Mate Service -** Parallel ringing solution for extension & mobile phone. Each extension can have one mobile number as it's mate. Ring signal will be sent simultaneity to both devices. Any one of them answers the call, the other one stops ringing.
- **Call Hunting -** An incoming call can be automatically hunted amongst multiple extensions programmed in the hunt group. The external caller will always have somebody to attend his call.
- **Account code & Follow me -** System supports account code to make outward call from any extension. You can also go to any other phone and enter the follow me code so that all your incoming calls are diverted to that extension
- **Override** - System supports override facility by operator so that existing calls can be disconnected & emergency calls can be made.
- **PC based administration** : Through PC you can view all extension state, set system parameter, do the required moves, adds & changes and read call detail records.

HP-150 Technical Specifications

Max. capacities of HP-150 system	
Total peripheral slots in the system	8
Analog subscriber card	8 ports / card
Digital subscriber card	4 ports / card
Analog trunk card	8 ports / card
ISDN PRI card	1 port (30 Channels)
Max. number of analog subscribers that can be connected	64
Max. number of digital subscribers that can be connected	32
Max. number of analog trunks that can be connected	64
Max. number of ISDN PRI that can be connected	1 port (30 Channels)

Interface type	
Analog extension interface	Analog extension interface with a/b line +24 V
Digital extension interface	2 wire digital interface
Analog trunk interface	Loop trunk, incoming ringing current, outgoing dual tone signal
ISDN PRI trunk interface	ITU-T G.703

Telephone requirement	
Digital Phones	Digital Phone Models 8150 & 8180
Analog phone	Normal analog phone with a/b interface

Power Supply	
Input voltage (AC)	100 to 265 V AC
Frequency	50 to 60 Hz
Power Consumption	< 25 W

Environmental Requirements	
Cabinet size	488mm x 215mm x 66mm I 19" Rack Mount (1.5U)
Temperature	-25 to +70 Degree Celsius
Relative Humidity	5% to 95%

Technical specifications of Digital Phones		
Parameter	**Digital Phone 8150**	**Digital Phone 8180**
LCD display size	81.2mm×24.9mm(WxH)	88.0mm×52.0mm(W×H)
Number of rows	2	6
Number of characters	16*2	24*6
Display type	Backlit	Backlit
Total number of DSS keys	30	30
Fixed function keys	16	16
Navigation control (Jog Dial)	1	1
Number of ring tones	8	8
Volume adjustment	4 Level	4 Level
No. of phone book entries	100	300
Support for DSS 64 Key module	Yes	Yes
Name display of calling party	No	Yes

* Designed, developed & manufactured as per specifications by 3rd party OEM and marketed & serviced by Unify Enterprise Communications Pvt. Ltd. in India.

Digital Phone 8150 / 8180

When it comes to advanced communication requirements it's the technological advantage that enhances efficiency and flexibility of use. The Digital Phones 8150 / 8180 thus becomes the preferred choice for those who are in need of updating their current communication systems. With its easy-to use Navigation Key (Jog Dial) these phones helps extension users quickly select and control various features, including commonly used settings such as microphone, speaker and ringer volume, and adjusting LED background lightness. Its ergonomic design and operational function contributes to its value addition and makes it convenient to use.

Digital Phone 8150

Digital Phone 8180

DSS 64 Key Module

Features supported on Digital Phone 8150 / 8180 -

Phone Operations	Outgoing Call Operations	Communication Management	Other Functions
Volume Adjust	Normal Call	Call Back when Busy	Transfer in Busy
Backlight Setting	Hotline Call	Missed Calls Call Back	Transfer after No-Answer
Incoming Call	DSS Key Call	Call Hold	Secretary Function
Answer Call	Last call Redial	Call Transfer	DND/Refuse
Auto Answer		MIC Mute	Phone Book Operation
Call Pickup		Call Waiting Answer	Conference Call

Operator Console -

Digital Phone 8150 / 8180 can be used as console for operator to receive incoming calls from CO-line. It will help the operator to handle calls easily and perform other tasks. Details as below:

- Secretary function
- One key dialing
- Calls holding
- Call back
- Redial / Auto redial
- Forwarding call

Information presented on the display of Digital Phone 8150 / 8180

- Incoming & outgoing calls
- Incoming caller's number
- Menu of system features
- Call duration
- Calling extension number
- Date / time

TEJAS TELECOMMUNIATION 9619133304 info@pravira.com

Tejas Telecommunication

Mumbai- info@pravira.com